

# Mineral Area College — Missouri S&T

## Biological Sciences BA Transfer Guide

Effective as of Fall 2020

### Mineral Area College

### Missouri S&T

#### Communication Skills (Take all courses)

ENG 1330	English Composition I	3	ENGLISH 1120	Exposition and Argumentation	3
ENG 1340	English Composition (or other composition course)	3	ENGLISH 1160	Writing and Research (or other composition course)	3
ENG 1440	Public Speaking (if required for AA degree)	3	SPMS 1185	Principles of Speech (Not required for S&T degree. Transfers as a free elective)	3
	Foreign Language (3 semesters of same language OR 2 semesters of each of two different languages)	12		Foreign Language (3 semesters of same language OR 2 semesters of each of two different languages)	11
Total Hours			Total Hours		
21			20		

#### Math and Sciences (Take all courses)

MAT 1230	College Algebra	3	MATH 1140	College Algebra (or higher math)	3
BIO 1150	General Biology	5	BIO SCI 1113, 1219	General Biology and Lab	3
PHS 1350	General Chemistry I	5	CHEM 1310, 1319	General Chemistry I and Lab	5
PHS 1390	General Chemistry II	4	CHEM 1320	General Chemistry II	3
BUS 2570 or MAT 1260 or MGT 1560 or CSC 1600 or CSC 2400 or	Business Statistics or Elementary Statistics or Statistics or C#Programming or Computer Programming in C++ (Or other statistics or computer class. Statistics preferred; computer class is acceptable.)	3	STAT 1115 or STAT 1115 or STAT 1115 or IST 1551 or CS 1971, 1981	Statistics for Social Sciences I or Statistics for Social Sciences I or Statistics for Social Sciences I or Implementing Infor Sys: User Persp or Intro to Programming Method and Lab (Or other statistics or computer class. Statistics preferred; computer class is acceptable.)	3 or 4
Total Hours			Total Hours		
20			17		

#### Humanities (Select 3 hours)

ART 1490	History of Art I	3	ART 1180	Art Appreciation	3
MUS 1630	Appreciation of Music	3	MUSIC 1150	Music Understanding and Appreciation	3
THE 1000	Intro to Theatre	3	THEATRE 1190	Theatre Appreciation	3
ENG 2330 or ENG 2430 or ENG 2492	English Literature I or American Literature I or Women's Literature (or other literature elective)	3	ENGLISH 1211 or ENGLISH 1221 or ENGLISH 2242	British Literature I: The Beginnings to 1800 or American Literature: 1600 to 1865 or Literature by Women (or other literature elective)	3
PHI 1400	Intro to Philosophy	3	PHILOS 1105	Introduction to Philosophy	3
	<i>See your advisor for course options</i>			Other fine art, English or American literature, or philosophy elective	
Total Hours			Total Hours		
3			3		

#### Social Sciences (Select 6 hours)

BUS 2940 or BUS 2930	Principles of Microeconomics or Principles of Macroeconomics	3	ECON 1100 or ECON 1200	Principles of Microeconomics or Principles of Macroeconomics	3
HIS 1230	American History I	3	HISTORY 1300	American History to 1877	3
HIS 1240	American History II	3	HISTORY 1310	American History since 1877	3
POS 1180	American Political Systems	3	POL SCI 1200	American Government	3
PSY 1130	General Psychology I	3	PSYCH 1101	General Psychology	3
	<i>See your advisor for course options</i>			Other history, economics, political science, psychology, or sociology.	
Total Hours			Total Hours		
6			6		

#### Additional Degree Requirements (Select up to 9 hours)

BIO 2360	Survey of Genetics	4	BIO SCI 2223	General Genetics	3
PHS 2350	Organic Chemistry I	5	CHEM 2210	Organic Chemistry I	4
PHS 2360	Organic Chemistry II	5	CHEM 2220	Organic Chemistry II	4
HIS 1130	Western Civilization I	3	HISTORY 1100	Early Western Civilization	3
HIS 1140	Western Civilization II	3	HISTORY 1200	Modern Western Civilization	3
Total Hours			Total Hours		
9			9		

#### Maximum credit hours to be transferred to Missouri S&T degree requirements.

**60**

Missouri S&T residency requirements: The last 60 hours of any Missouri S&T degree must be completed at Missouri S&T.  
Students must receive special permission from Missouri S&T to apply more than the maximum credit hours listed above toward the Missouri S&T degree.  
Students are not required to complete all courses on this guide before transferring to Missouri S&T.